COVID-19 DATA

ANALYSIS

* What is covid-19?
* Coronavirus disease (COVID-19) is an infectious disease caused by a newly discovered coronavirus.
* A [coronavirus](https://www.webmd.com/lung/coronavirus) is a kind of common virus that causes an infection in your nose, [sinuses](https://www.webmd.com/allergies/picture-of-the-sinuses), or upper throat. Most coronaviruses aren't dangerous.
* In early 2020, after a December 2019 [outbreak](https://www.webmd.com/cold-and-flu/what-are-epidemics-pandemics-outbreaks) in China, the World Health Organization identified SARS-CoV-2 as a new type of [coronavirus](https://www.webmd.com/lung/coronavirus). The outbreak quickly spread around the world.
* [COVID-19](https://www.webmd.com/lung/what-is-covid-19) is a disease caused by SARS-CoV-2 that can trigger what doctors call a respiratory tract infection. It can affect your upper respiratory tract ([sinuses](https://www.webmd.com/allergies/picture-of-the-sinuses), nose, and throat) or lower respiratory tract (windpipe and [lungs](https://www.webmd.com/lung/picture-of-the-lungs)).
* Type of data taken.
* The analysis is about the covid-19 report of different states of India.
* Samples were collected all over India and testing results were given on the daily basis.
* Various analysis are performed depending upon samples collected, confirmed cases, positive cases, negative cases, death rates and so on.
* Here we have use different types of graphs and charts to analyze the data.
* Facts N Figures about the spread of Covid-19 for the year 2020 and 2021
* National and Foreign exchange data .

* Data for total no. of cases positive and negative cases all over india.

Negative Cases

11160177495

Positive Cases

304277677

Total Samples

70664954469

* Top 10 states which have highest no. of conformed cases:

From the graph it is clear that highest no . of cases is in the state Maharashtra.

* All over there is 53% male and 47% percent off female who are vaccinated.
* Top 10 states with highest no. of cured percent.

Again Maharstra was on the top.

* Top 10 states with highest no. of deaths .

* Conclusion:
* On examining the data , we conclude the followings:
* Maharashtra is the state which has the highest no. of confirmed cases , whereas Daman & Diu has the lowest no. of confirmed cases in all over India.
* With the help of Pie chart it is shown that the there is 47% of female who get vaccinated and 53% of male vaccinated.
* Also by the help of column chart it is concluded that the highest no. of deaths also occur Iin the state of Maharashtra and also there is the highest no. of cured in the state of Maharashtra.
* Second highest no. of cured is in state Karnataka . and also it has second highest no. of deaths.

* Maharashtra has the highest no. of confirmed cases and highest no. of deaths . so the state Maharashtra has to take certain steps to prevent this disease from spread.
* Daman & Diu is doing good as it has lowest no. of cases.